

Public Notice



Applicant: _____ **Date:** _____
U.S. Army Corps of Engineers Buffalo District
Expires: February 24, 2005

**U.S. Army Corps
of Engineers**

In Reply Refer To: _____
Buffalo District CELRB-TD-R RE: 87-000-1 (2) Section: _____

NY

Application for Permit under Authority of
Section 10 of the Rivers and Harbors Act of 1899 and
Section 404 of the Clean Water Act (33 U.S.C. 1344).

The District Commander, U.S. Army Corps of Engineers District, Buffalo, New York, is considering, on behalf of the general public, reissuance of Regional Permit 87-000-1 for the installation and maintenance of open pile or floating dock(s), dock(s) with a deck, observation platform(s) in wetlands or other special aquatic sites, stairway(s), mooring pile(s), mooring buoy(s), swim platform, marine railway, and boat hoist(s)/jet ski hoist(s) (covered or open) in navigable waters within the State of New York and subject to regulation by the U.S. Army Engineer District, Buffalo. This renewal action is being taken in accordance with Title 33 of the Code of Federal Regulations Parts 320 thru 330 as published in the November 13, 1986 Federal Register, Volume 51, No. 219.

Within the past five years, 959 projects have been approved by this permit. Changes to the Regional Permit proposed include the following:

- a. General Condition No. 1 has been modified as the requirement to begin the work authorized within one year of the affirmation date has been eliminated.
- b. Special Condition No. 4 has been modified to limit docks parallel to shoreline only in circumstances where the applicant can provide justification (shoreline topography and navigational issues).
- c. Special Condition No. 5 has been modified to limit authorization to **one** deck and to limit shoreline decks only in circumstances where the applicant can provide justification (shoreline topography and navigational issues).
- d. Special Condition No. 6 has been modified to require New York State Department of State (NYSDOS) Coastal Zone Consistency concurrence for projects located within approved Local Waterfront Revitalization Programs (LWRP). Special Condition No. 6 has also been modified to include notification requirements for proposed decks (previously mentioned in Special Condition No. 5).

e. Special Condition No. 11 was modified to provide for the most up-to-date limitations on treated wood.

f. Special Condition No. 16 was modified to remove the restriction to Federal, State or local wildlife management or educational agencies. The observation platforms must be for interpretive or educational purposes.

g. Special Condition No. 20 was added to require notification to this office for activities located within sensitive areas, as identified by the U.S. Fish and Wildlife Service (USFWS), for the protection of Federally threatened or endangered species.

h. Eliminated the terminology for boat sheds, as this was a source of confusion. Clarified that this permit authorizes covered boat hoists or slips.

i. Eliminated the limit on two boat hoists, and clarified that all total hoists, covered or open, are authorized up to 900 square feet, to make the permit more consistent.

j. This office is also considering eliminating the pre-notification requirement for activities meeting the following Special Conditions of this Regional Permit: 4, 5, 13, 14, 15, provided these activities do not require notification as specified in Special Condition Nos. 6 and 20. Note that these changes have not been made in the attached Regional Permit.

If this permit is reissued, the attached terms and conditions would apply.

Complete details of the above proposed Regional Permit are described in the attached text.

Questions pertaining to the work described in this notice should be directed to Aaron C. Smith, who can be contacted by calling (315) 255-8090, or by e-mail at: aaron.c.smith@usace.army.mil

The applicant has certified that the proposed activity complies with New York's approved Coastal Zone Management Program and will be conducted in a manner consistent with that program. Any comments on the consistency of the proposed activity with New York State's Coastal Zone Management Program should be forwarded to:

Ms. Laurissa Parent
New York Department of State
Division of Coastal Resources
Consistency Coordinator
Coastal Management Program
41 State Street
Albany, New York 12231-0001
Telephone (518) 486-3200

Due to the scope of the Regional Permit, a determination of effect to registered historic properties or properties listed as being eligible for inclusion in the National Register of Historic Places has not been made. An effects determination for historic properties will be made on a project by project basis during the review process. Reference is made to General Condition No. 3 and Exclusion Nos. 2 and 3 of the attached Regional Permit.

In addition, due to the scope of the Regional Permit, a determination of effect upon species proposed or designated by the

U.S. Department of the Interior as threatened or endangered has not been made. An effects determination for endangered species will be made on a project by project basis during the review process. Reference is made to Special Condition No. 20 and Exclusion No. 7 of the attached Regional Permit. For protection of Federally threatened and endangered species, coordination with the U.S. Fish and Wildlife Service is required prior to the issuance of this permit in certain towns within New York State. The Corps is requesting that the U.S. Fish and Wildlife Service provide a list of these areas in response to this Public Notice comment period.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments should be sent to the U. S. Army Corps of Engineers, 7413 County House Road, Auburn, New York 13021, and should be marked to the attention of Aaron C. Smith, or by e-mail at: aaron.c.smith@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

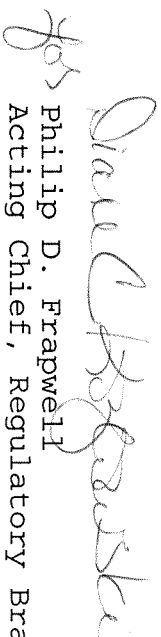
Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the

preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.


for Philip D. Frapwell
Acting Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.

DEPARTMENT OF THE ARMY PERMIT

Permittee:

Permit No.: 87-000-1

Processing No.: 87-000-1(2)

Effective Date: May 17, 2005

Expiration Date: May 17, 2010

Affirmation Date:

Issuing Office: U.S. Army Engineer District, Buffalo
1776 Niagara Street
Buffalo, New York 14207-3199

IMPORTANT: PRIOR TO COMMENCING THE ACTIVITY AUTHORIZED BY THIS PERMIT OR DIRECTING A CONTRACTOR TO PERFORM SUCH ACTIVITY ON YOUR BEHALF, WRITTEN AFFIRMATION FROM THIS OFFICE IS REQUIRED. IN ADDITION, BE SURE THAT ALL PARTIES READ, UNDERSTAND AND COMPLY WITH THE TERMS AND CONDITIONS OF THIS PERMIT.

NONCOMPLIANCE WITH ANY OF THE TERMS OR CONDITIONS MAY RESULT IN AN ORDER TO REMOVE THE ACTIVITY; CIVIL AND/OR CRIMINAL PENALTIES OR BOTH.

AUTHORITIES: You have been authorized to undertake the activity described below pursuant to:

Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403)

AUTHORIZED ACTIVITY: Construct and maintain open pile or floating dock(s), dock(s) with a deck, observation platform(s) in wetlands or other special aquatic sites, stairway(s), mooring pile(s), mooring buoy(s), swim platform, marine railway, boat hoist(s)/jet ski hoist(s) (covered or open) that have received written affirmation of permit applicability from the U.S. Army Engineer District, Buffalo.

LOCATION OF THE AUTHORIZED ACTIVITY: Navigable waters of the United States that are located within the State of New York and subject to regulation by the U.S. Army Engineer District, Buffalo.

The general public is hereby authorized by the Secretary of the Army to perform the work authorized by this permit provided the following general and special conditions are fully complied with.

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer. The term "activity" as used in this permit includes all structures and work authorized by this permit.

GENERAL CONDITIONS:

1. The work authorized under this regional permit must be completed prior to the expiration date noted on the first page of this authorization. In the event that the affirmation date is less than twelve months prior to the expiration date, the regional permit will remain valid for a period of twelve months from the affirmation date. In no case shall authorization exceed twelve months beyond the expiration date. If you find that you need more time to begin and/or complete the authorized activity, submit your written request for a time extension to this office at least three months before the respective date(s).
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, unless you make a good faith transfer to a third party in accordance with General Condition No. 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you may be required to remove the structure(s) and restore the site to its original pre-project conditions.
3. If you discover any previously unknown historic or archaeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.
6. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

7. This office reserves the right to use this regional permit in combination with any existing or future nationwide, regional or individual permit or any letter of permission.

SPECIAL CONDITIONS:

1. Your use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the United States.
2. Structures authorized by this permit shall not extend waterward more than 100 feet from the Ordinary High Water (OHW) shoreline or 20 percent of the waterway width, whichever is less. The waterway width is measured from the Ordinary High Water shoreline perpendicular to the centerline of the waterway.
3. A variance in the maximum offshore distance of a structure may be granted in cases where exceptions would be reasonable due to the shoreline configuration, or for structures crossing shoals, wetlands or other special aquatic sites. All variances must be approved by this office on a case by case basis.
4. Configuration of dock(s) may vary in plan (i.e. straight, T, U, or L shaped) provided the total length of all segments and separate structures does not exceed 150 feet and the surface area of the dock(s), including finger piers, decks, platforms, etc. does not exceed 1200 square feet. Docks parallel to the shoreline are not permitted by this Regional Permit, unless a variance is granted. A variance may be granted in cases where exceptions would be reasonable due to the topography of the shoreline, or for navigational reasons. The dock(s) shall not exceed 8 feet in width. Multiple docks, docks with decks or platforms may be constructed provided that the proposed and all existing structures, if any, are within the size limitations specified in this permit. Note: For the purposes of this Regional Permit, a deck is any portion of the dock that exceeds 8 feet in width.
5. Regular or irregular shaped configurations (i.e. dock[s] with a deck) are allowed in the middle or at the waterward terminus of the structure provided the surface area of the deck does not exceed 240 square feet. A variance to this condition (i.e., shoreline deck) may be granted in cases where exceptions would be reasonable due to the topography of the shoreline, or for navigational reasons. All variances must be approved by this office on a case by case basis.
6. For all decks located in the entire Coastal Zone Management (CZM) area and for activities and structures located in New York State Significant Coastal Fish and Wildlife Habitat areas and/or areas with approved Local Waterfront Revitalization Programs, you must furnish the New York State Department of State with a certification statement that your action is consistent with the State's Coastal Management Plan. These activities are approved by this regional permit only when you obtain an individual consistency certification concurrence for your project from the New York State Department of State. No work shall be started under this permit until the concurrence has been secured or the State has failed to act on the consistency certification within six months and the certification is presumed. You must comply with all conditions of your individual Coastal certification concurrence. In addition, you must furnish the District Engineer, Buffalo District, with a copy of the CZM certification concurrence letter or a **dated** copy of the consistency certification that you provided to the New York State Department of State.

Consistency statements should be forwarded to:

New York State Department of State
Division of Coastal Resources
41 State Street
Albany, New York 12231-0001

Telephone (518) 474-6000

7. Structures authorized by this permit may cross wetlands or other special aquatic sites, but the crossing must not exceed four feet in width and shall be a minimum of three feet above the Ordinary High Water elevation or substrate level if the area is typically not inundated.
8. All structures authorized by this permit must be set back a minimum of 10 feet from the common boundary line of adjoining properties that are under separate ownership. The setback is measured at the point where the common boundary terminates at the Ordinary High Water shoreline. A variance in this distance may be granted where there are natural limiting features or limited shoreline available and coordination with adjacent property owner(s) has occurred. All variances must be approved by this office on a case by case basis.
9. The top of the dock must be a minimum of one foot above the Ordinary High Water elevation.
10. Side staving, if used, shall not extend lower than one half of the distance between the Ordinary High and Low Water levels.
11. Timbers used for the construction of in-water structures must be pressure treated with a preservative and treatment process approved by the American Wood Preservative Association. Wood treated with creosote or pentachlorophenol must be aged in the open air for at least three months prior to water use. Chromated Copper Arsenate (CCA) pressure treated wood must be clean and free of CCA surface deposits. Wood with surface deposits must be washed for at least five minutes under running water prior to use. Any wood debris such as sawdust or wash water must not enter any water body including wetlands.
12. This permit does not authorize the placement of enclosed buildings, boathouses, fuel storage tanks, sinks, toilets, showers, fuel dispensing or sanitary pump out facilities waterward of the Ordinary High Water shoreline.
13. Only one swim platform per property owner is authorized by this permit. The surface area of a swim platform shall not exceed 200 square feet, and shall not be connected to other structures.
14. Only one marine railway per property owner is authorized by this permit.
15. The total surface area of all boat hoist(s) and covered boat slips, shall not exceed 900 square feet.

16. The total surface area of all observation platform(s) located in wetlands or other special aquatic sites shall not exceed 900 square feet. The authorization of observation platform(s) located in wetlands or other special aquatic sites must be for interpretive or educational purposes.

17. All mooring buoys must be approved by the Ninth Coast Guard District. Information concerning the approval process may be obtained by calling (216) 902-6074 or by writing to:

Commander (OAN)
Ninth Coast Guard District
ATTN: Private Aids to Navigation
1240 East Ninth Street
Cleveland, Ohio 44199-2060

18. The District Commander reserves the right to include any additional special conditions or require an individual permit as may be necessary to safeguard the public interest or protect important public resources on a case by case basis.

19. Construction should be scheduled for a time of year when water levels are low and fish spawning activities are not occurring.

20. For activities located within sensitive areas, as identified on the attached list, the Buffalo District will give the U.S. Fish and Wildlife Service a five day review period to conduct specific reviews for the protection of Federally threatened or endangered species or species of concern. Additional time may be required if further consultation is necessary. **Applicants shall not commence work in these waterways** under this permit until the notification process is completed and the applicant receives written verification that the work may proceed.

EXCLUSIONS:

This permit does not apply to:

1. Any freshwater wetland as defined in Department of the Army permit regulations at Title 33 of the Code of Federal Regulations, Parts 320 et. seq., or other special aquatic sites as defined in the U.S. Environmental Protection Agency Guidelines for Specification of Disposal Sites for Dredged or Fill Material at Title 40 of the Code of Federal Regulations, Part 230, except for structures described in Special Conditions 6, 7 and 16 of this permit.
2. Activities that have an effect on historic, cultural or archaeological sites identified in the latest published version of the National Register of Historic Places, or sites eligible for inclusion in this register, unless the State Historic Preservation Officer makes a determination that the effect will not be adverse.
3. Activities that have an effect on sites included in the latest published version of the National Register of Historic Landmarks, which are published periodically in this register, unless the State Historic Preservation Officer makes a determination that the effect will not be adverse.

4. Any other areas named in Acts of Congress or Presidential Proclamations as National Wilderness Areas, National Recreational Areas, Lakeshores, Parks, Monuments and such areas as may be established under Federal Law for similar and related purposes, such as estuaries and marine sanctuaries, except where specifically authorized by this regional permit.
5. Activities that have an effect on a component of the National Wild and Scenic Rivers System, or areas listed in the Nationwide Rivers Inventory, Final List of Rivers for New York as published by the U.S. Department of the Interior, or in a component of a State Wild and Scenic River. Activities located in these areas will be evaluated on a case by case basis, which will include coordination with the National Park Service and/or the New York State Department of Environmental Conservation.
6. Activities that have an effect on rivers currently being studied at the direction of Congress as potential additions to the National Wild and Scenic Rivers System, or rivers for which Wild and Scenic Rivers studies have been completed and forwarded to Congress and which Congress is still considering. Activities located in these areas will be evaluated on a case by case basis, which will include coordination with the National Park Service.
7. Structures which may jeopardize the continued existence of species listed as endangered or threatened under the Endangered Species Act of 1973, as amended, or result in the likelihood of the destruction or adverse modification of a habitat which is determined by the Secretary of the Interior or Commerce, as appropriate, to be a critical habitat under the Endangered Species Act of 1973, as amended.
8. Activities performed or proposed, unless the property owner has submitted a written request for authorization describing the activity, and the District Commander has determined that it complies with the terms and conditions of this permit.
9. Any proposal that would result in fragmentation of the contiguous wetlands or essentially overcrowd the wetland with docks and related human activity so as to adversely impact the functions and values of the wetland will not be authorized by this regional permit.

LIMITS OF THIS AUTHORIZATION:

1. The granting of this permit does not obviate the need to obtain other Federal, State or local authorizations as required by law. Specifically, a permit pursuant to the Environmental Conservation Law Articles 15, 24 or 34 may be required from the New York State Department of Environmental Conservation.
2. Issuance of this permit does not grant you any property rights or exclusive privileges, nor does it authorize any injury to the property or rights of others.
3. This permit does not authorize interference with any existing or proposed Federal project, nor does it convey any authority to interfere with the right of the public to free navigation on all navigable waters of the United States.

LIMITS OF FEDERAL LIABILITY: In issuing this permit, the Federal Government does not assume any liability for the following:

1. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
2. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
3. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
4. Design or construction deficiencies associated with the permitted work.
5. Damages associated with any future modification, suspension, or revocation of this permit.

RELiance ON APPLICANT'S DATA: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

RE-EVALUATION OF THE DECISION TO GRANT A REGIONAL PERMIT: This office may re-evaluate its decision on this permit at any time circumstances warrant. Circumstances that could require a re-evaluation include, but are not limited to, the following:

1. You fail to comply with the terms and conditions of this permit.
2. The information provided by you in support of your application proves to have been false, incomplete, or inaccurate.
3. Significant information surfaces which this office did not consider in reaching the original public interest decision.

Such a re-evaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in Title 33 of the Code of Federal Regulations Part 325.7 or enforcement procedures such as those contained in Title 33 of the Code of Federal Regulations Parts 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may, in certain situations (such as those specified in Title 33 of the Code of Federal Regulations Part 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

EXTENSIONS: General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a re-evaluation of the public interest decision, the

Corps will normally give favorable consideration to a request for an extension of this time limit. Extension requests must be submitted in accordance with the directions given in General Condition 1.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

Copy of Signed Original Available on Request
District Commander

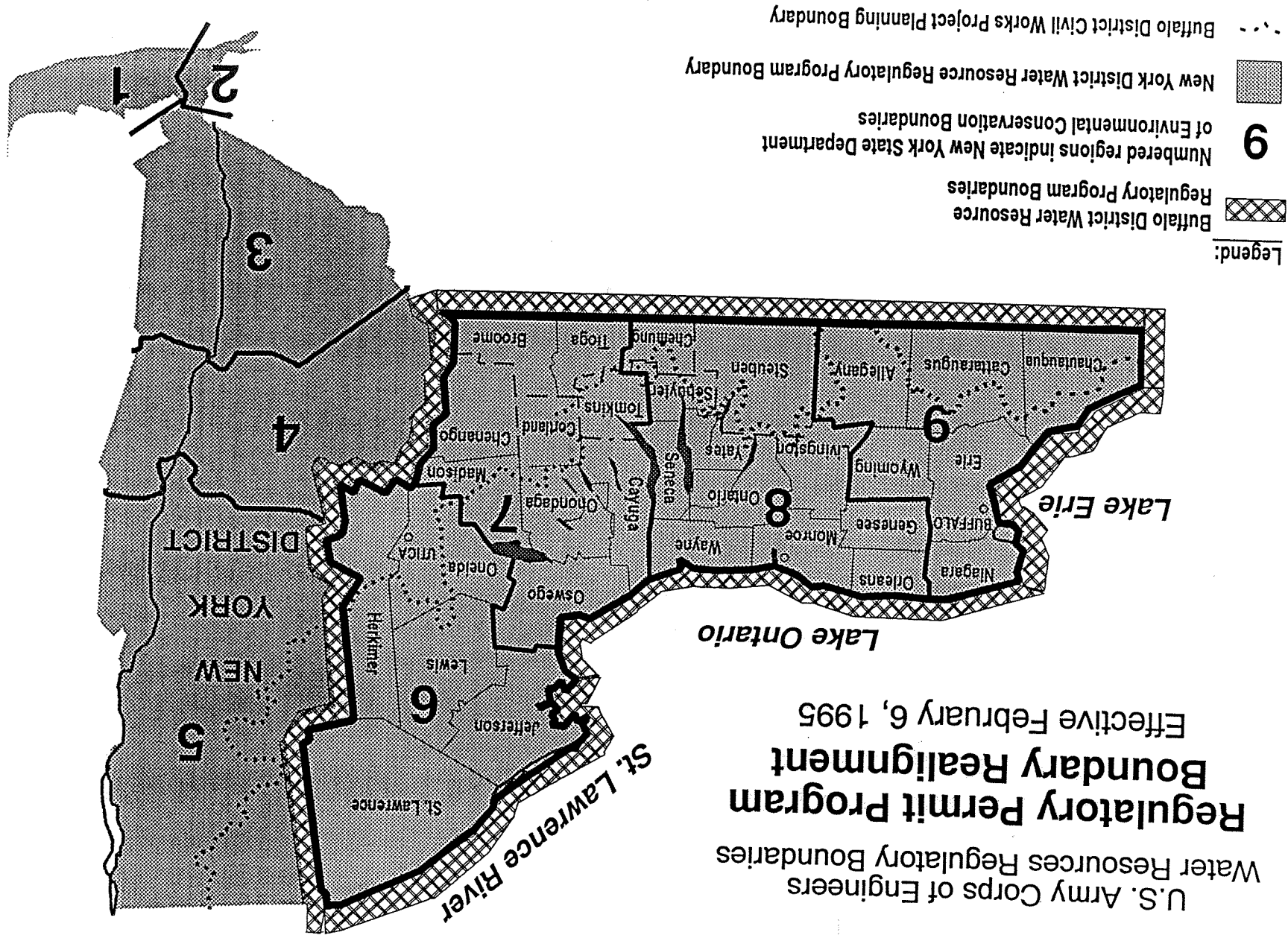
Date

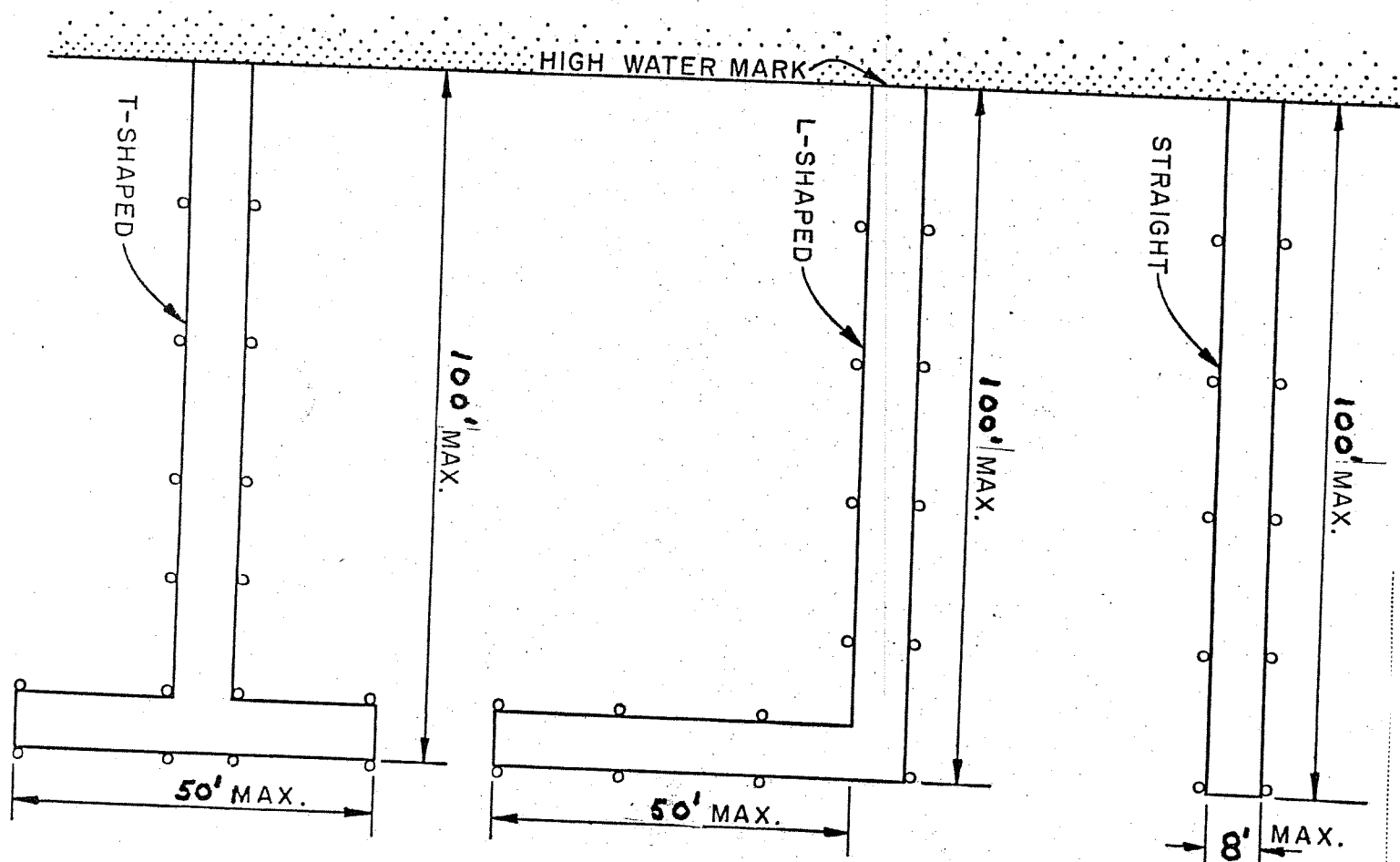
When the property associated with the work authorized by this permit is sold or transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

Transferee

Date

U.S. Army Corps of Engineers
Water Resources Regulatory Boundaries
**Regulatory Permit Program
Boundary Realignment**
Effective February 6, 1995

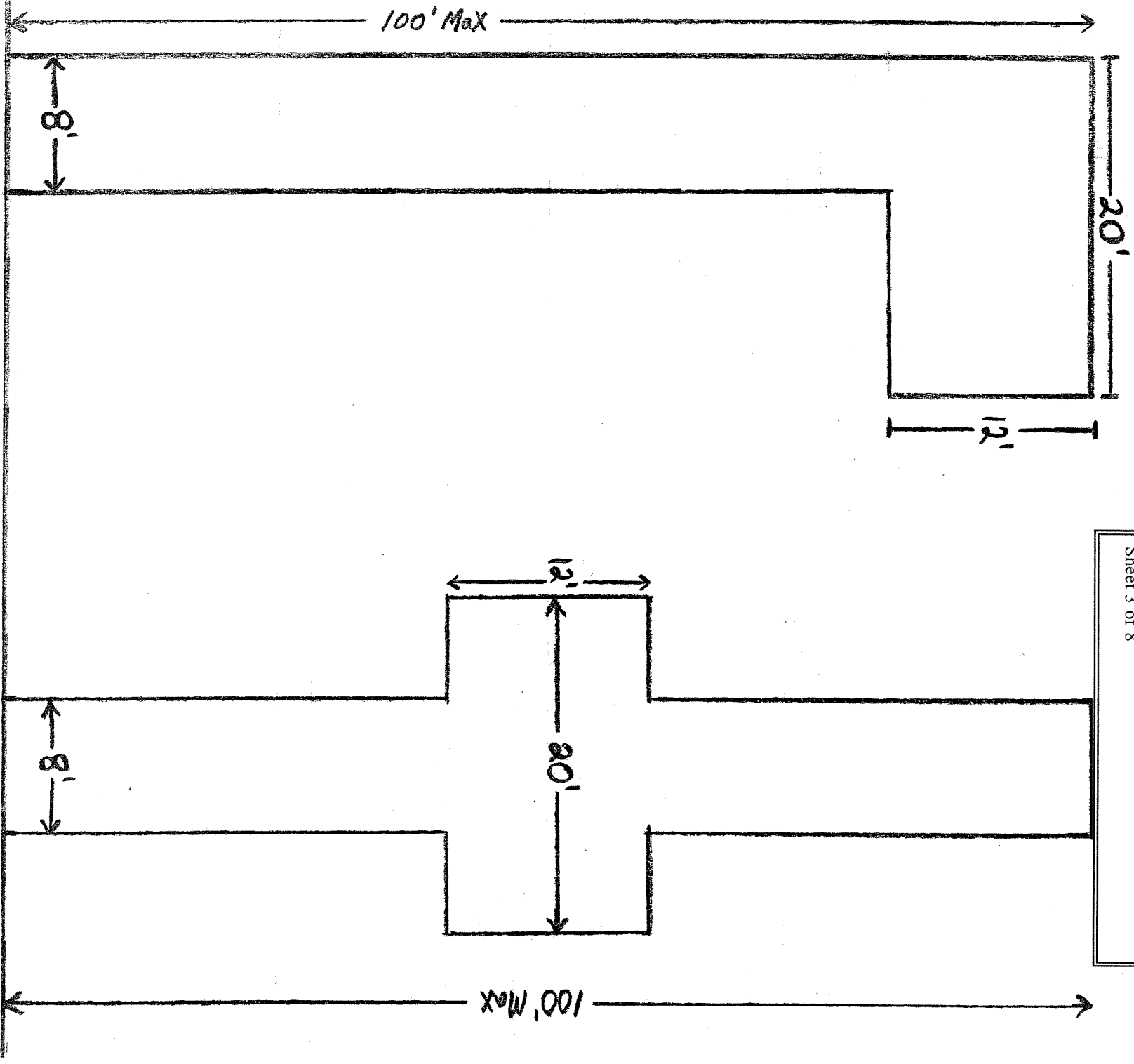




NOTE: Surface area of the dock(s), including finger piers, decks, platforms, etc. shall not exceed 1200 square feet.

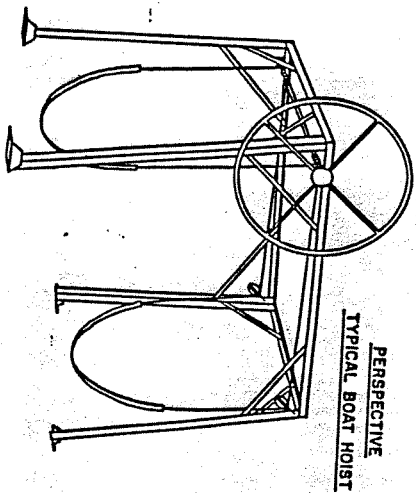
TYPICAL OPEN PILE DOCK CONFIGURATIONS

PLAN

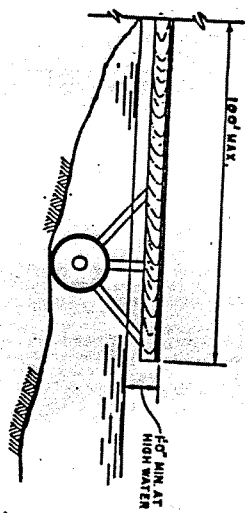


Example of a dock with a deck at the waterward
terminus and at the midpoint.

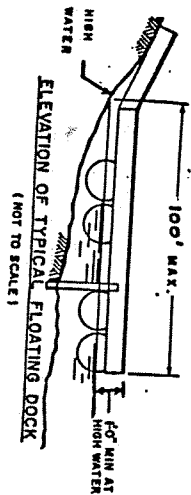
Note: Decks shall not exceed 240 ft².



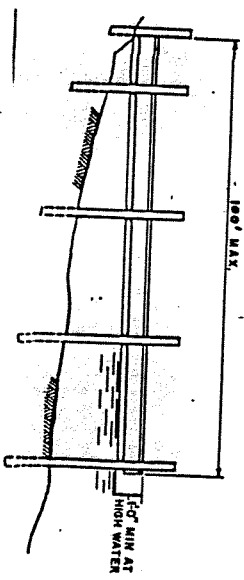
PERSPECTIVE
TYPICAL BOAT HOIST



ELEVATION OF TYPICAL SEASONAL DOCK
(NOT TO SCALE)
MARINE RAILWAY

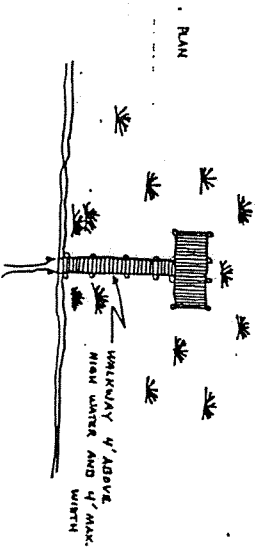


ELEVATION OF TYPICAL FLOATING DOCK
(NOT TO SCALE)

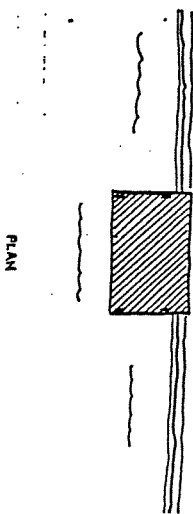


ELEVATION OF TYPICAL PILE BENT DOCK

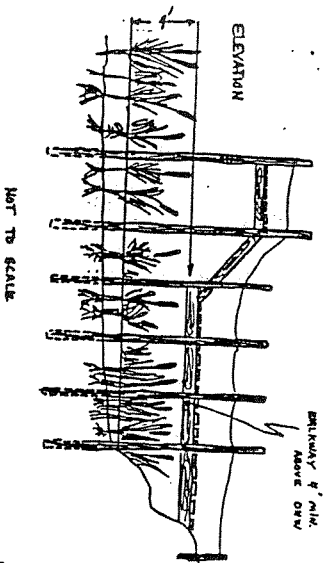
OBSERVATION PLATFORM ABOVE
MARSHY/WETLAND TYPE WATERWAY



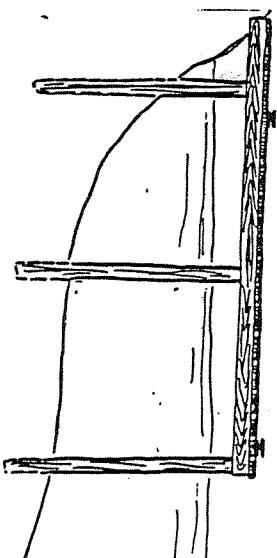
OPEN PILE DOCK OR DOCK COMBINATION



PLAN



NOT TO SCALE



ELEVATION

NOT TO SCALE

STAIRWAYS & PLATFORMS TO OPEN PILE DOCK

ELEVATION
NOT TO SCALE

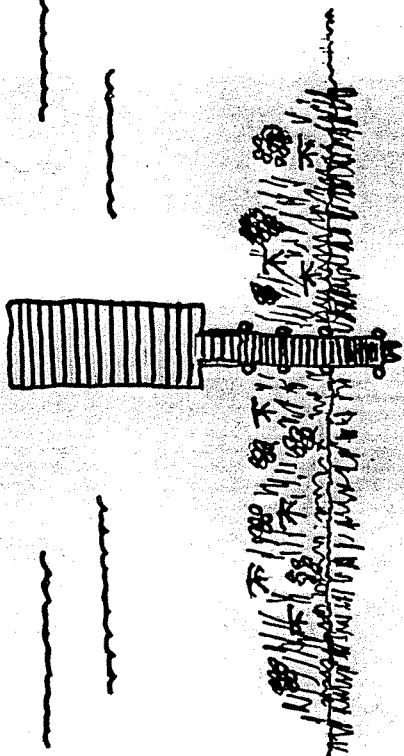
Rock

OHW

PLAN

REGIONAL PERMIT 87-000-1
D/A Processing No. 87-000-1(2)
County, New York Quad:
Sheet 5 of 8

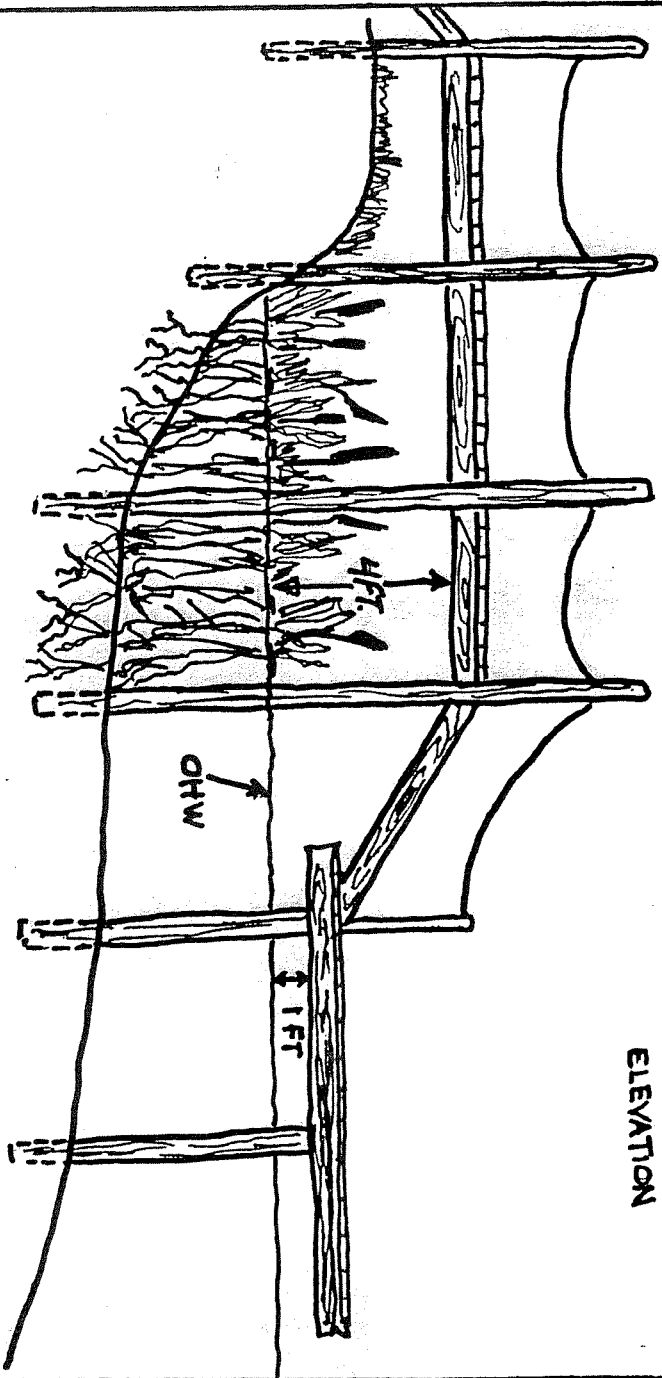
OPEN PILE DOCK WITH WALKWAY COMBINATION



PLAN

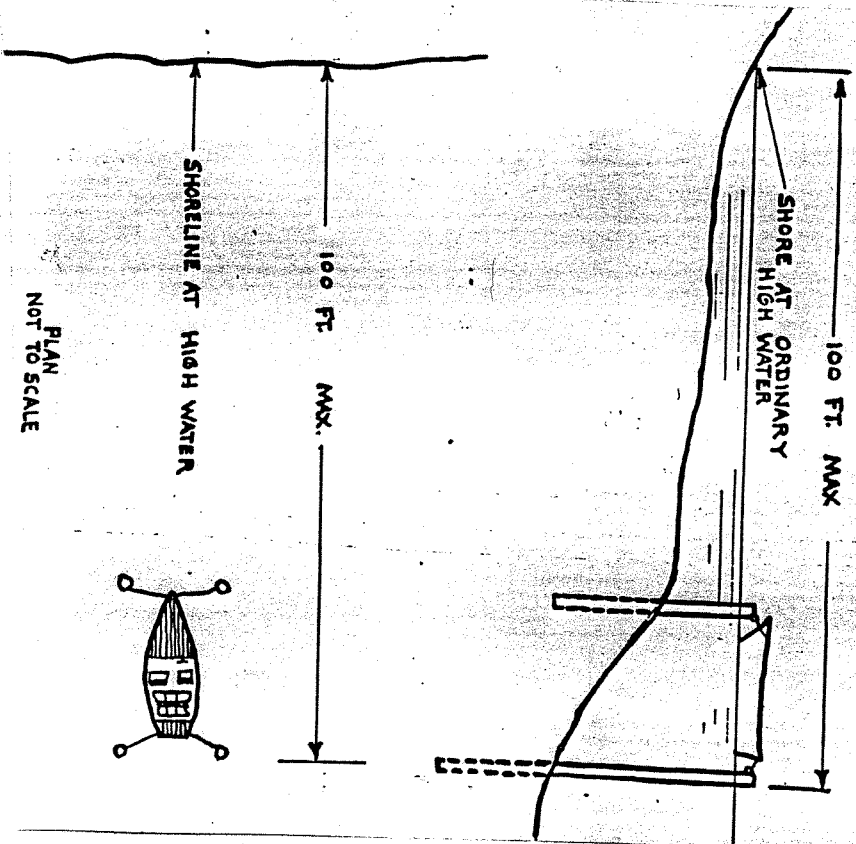
NOT TO SCALE

WALKWAYS 4' MAX. WIDE
4' ABOVE OHW

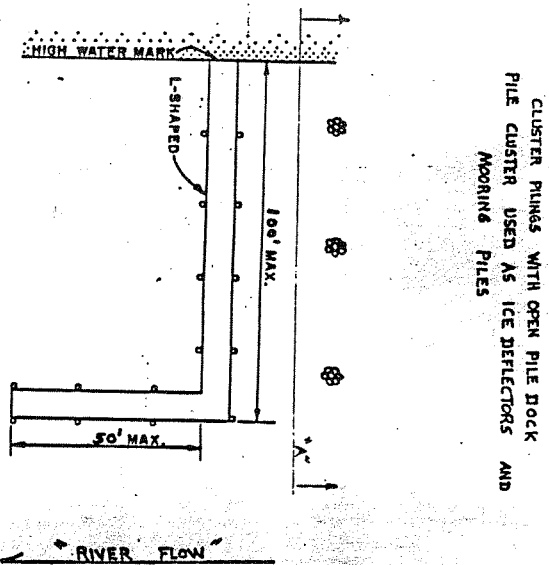


ELEVATION

MOORING PILES
ELEVATION
NOT TO SCALE



PLAN
NOT TO SCALE

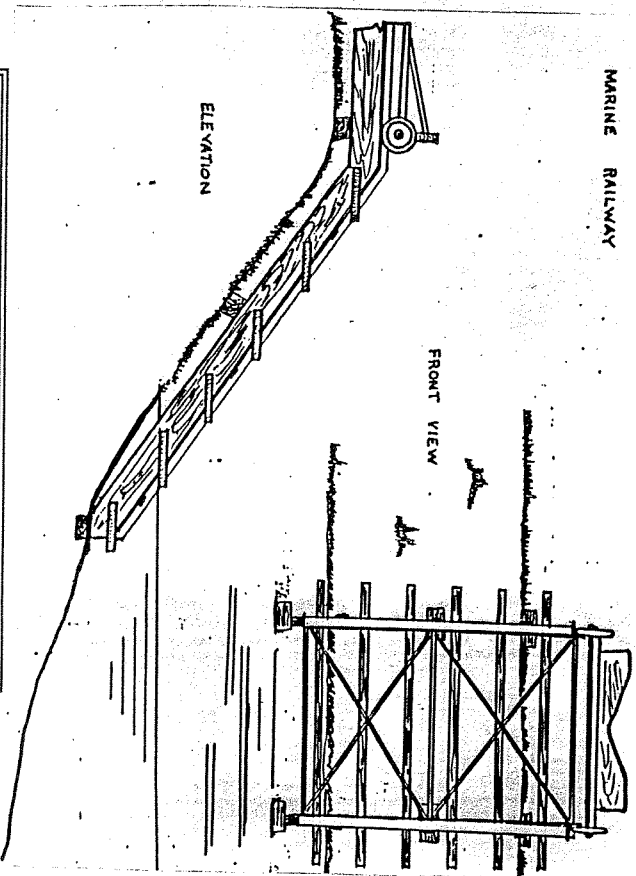


CLUSTER PILING WITH OPEN PILE DOCK
PILE CLUSTER USED AS ICE DEFLECTORS AND
MOORING PILES

PROFILE AT "A"
WOODEN CLUSTER PILING
MOORING PILES & ICE DEFLECTORS

NOT TO SCALE

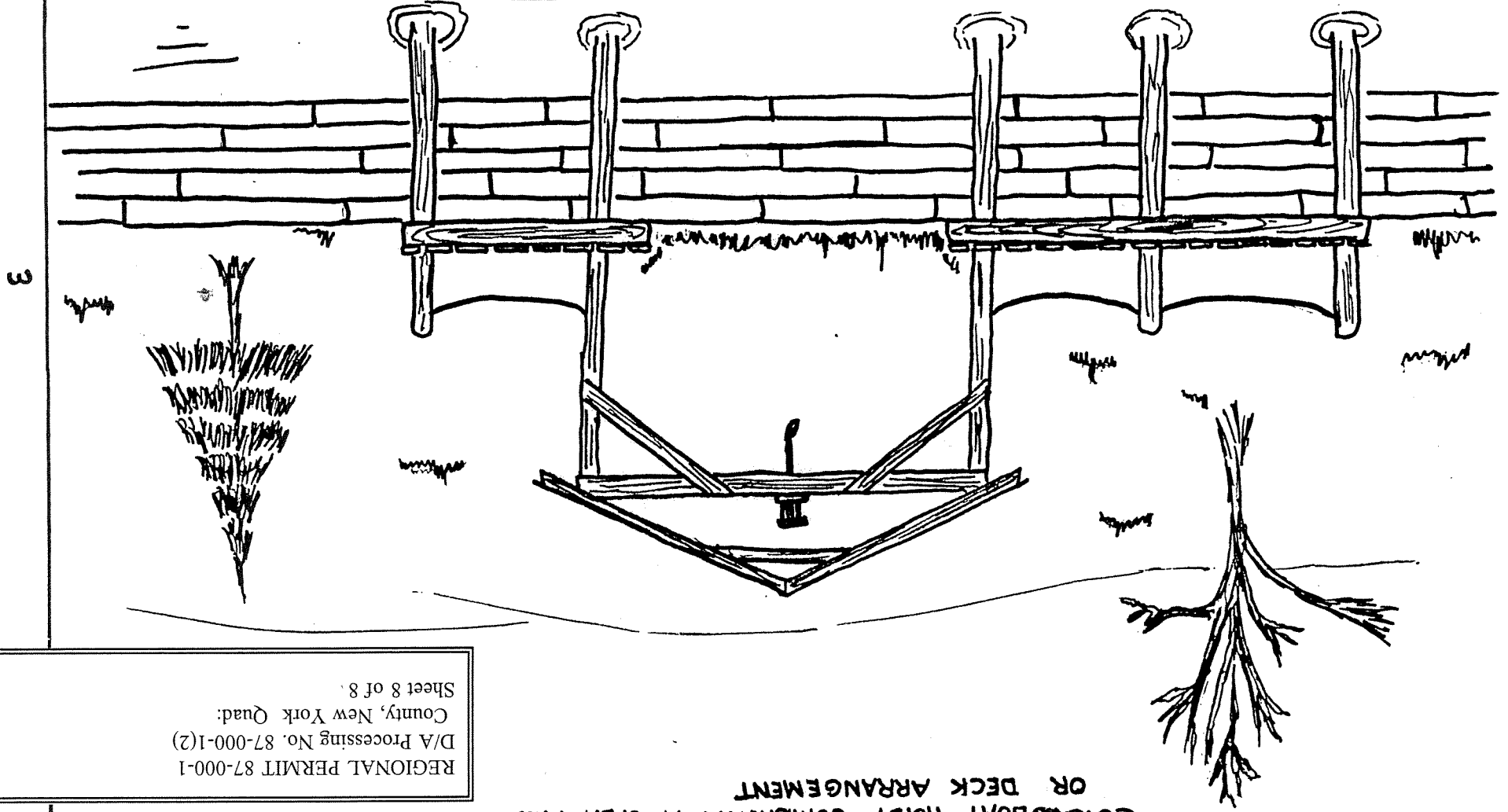
MARINE RAILWAY



REGIONAL PERMIT 87-000-1
D/A Processing No. 87-000-1(2)
County, New York Quad:
Sheet 7 of 8

COVERED BOAT HOIST COMBINATION OPEN PILE DOCK
OR DECK ARRANGEMENT

REGIONAL PERMIT 87-000-1
D/A Processing No. 87-000-1(2)
County, New York Quad:
Sheet 8 of 8.



FRONT VIEW

NOT TO SCALE